

## VZ-DVR-5M08-4K

8CH DVR Turbo HD/AHD/Analog, 4-ch Audio input, 1 SATA



### Video Input and Transmission

- Self-adaptive HDTVI/HDCVI/AHD/CVBS signal input
- Up to 2-ch 6 MP IP cameras input
- 5 MP/4 MP HDTVI video input and live view
- Defogging function enabled for the supported analog cameras
- Long distance transmission over UTP and coaxial cable: max. 800m for 1080p and 1200m for 720p HDTVI signal

### Compression and Recording

- H.265+/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264 for the sub-stream of analog cameras
- Connectable to H.265+/H.265/H.264+/H.264 IP cameras
- H.265+ can be enabled to improve encoding efficiency and reduce data storage costs
- Full channel recording at up to 5 MP resolution

### Video Output

- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160)
- Separate CVBS output

### Storage and Playback

- 1 SATA interface (up to 8 TB capacity per HDD)
- 8-ch synchronous playback
- Smart search for efficient playback
- Supports the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

### Smart Function

- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Supports line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection
- VCA information overlay in live view and smart playback
- VQD (Video Quality Diagnostics)
- Supports PTZ control via Omnicast VMS of Genetec protocol

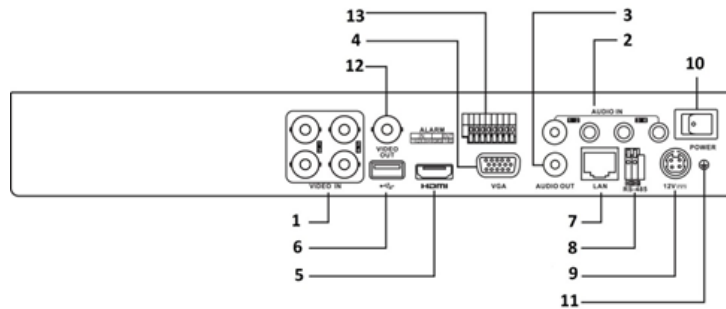
### Network & Ethernet Access

- DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface
- Output bandwidth limit configurable

## Specifications

Video/Audio Input	Video compression	H.265+/H.265/H.264+/H.264
	Analog Video Input	8-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HDTVI Input	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25
	AHD Input	1080p25, 1080p30, 720p25, 720p30
	HDCVI input	1080p25, 1080p30, 720p25, 720p30
	CVBS Input	PAL/NTSC
	IP video input	2-ch Up to 6 MP resolution / Supports H.265+/H.265/H.264+/H.264 IP cameras
	Audio Compression	G.711u
	Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)
Video/Audio Output	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
	HDMI/VGA output	<b>VGA:</b> 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz <b>HDMI:</b> 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Encoding Resolution	5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF
	Frame Rate	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
	Video Bit Rate	32 Kbps to 10 Mbps
	Audio Output	1-ch, RCA (Linear, 1 KΩ)
	Audio Bit Rate	64 Kbps
	Dual Stream	Support
	Stream Type	Video, Video & Audio
Network management	Synchronous playback	8-ch
	Remote Connections	128
Hard Disk	Network Protocols	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
	SATA	1 SATA interface
External Interface	Capacity	Up to 8 TB capacity for each disk
	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1st audio input)
	Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
	USB Interface	Front panel: 1 × USB 2.0 / Rear panel: 1 × USB 3.0
	Serial Interface	RS-485 (half-duplex)
General	Alarm in/out	8/4
	Power supply	12 VDC
	Consumption (without HDD)	≤ 20 W
	Working Temperature	-10 °C to +55 °C (14 °F to 131 °F)
	Working Humidity	10% to 90%
	Dimensions (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)
Weight (without HDD)	≤ 2 kg (4.4 lbs.)	

## Physical Interfaces



**NOTE:** The rear panel of VZ-DVR-5M08-4K provides 8 video input interfaces.

Index	Description	Index	Description
<b>1</b>	VIDEO IN	<b>8</b>	RS-485 Serial Interface
<b>2</b>	AUDIO IN, RCA Connector	<b>9</b>	12 VDC Power Input
<b>3</b>	AUDIO OUT, RCA Connector	<b>10</b>	Power Switch
<b>4</b>	VGA Interface	<b>11</b>	GND
<b>5</b>	HDMI Interface	<b>12</b>	VIDEO OUT
<b>6</b>	USB Interface	<b>13</b>	Alarm In/Out
<b>7</b>	LAN Network Interface		